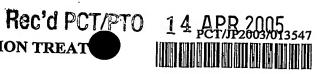
Translation





PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Annihannia and Grand						
Applicant's or agent's file reference . DC0045	FOR FURTHER ACTION	See Form PCT/IPEA/416				
International application No.	International filing date (day/month/)					
PCT/JP2003/013547	23 October 2003 (23.10.200	23 October 2002 (23.10.2002)				
International Patent Classification (IPC) or no C12P 21/02, C12N 9/24, C12Q 1	ational classification and IPC /34, G01N 33/68					
Applicant						
DA	IICHI PURE CHEMICALS CO	D., LTD.				
 This report is the international prelim Authority under Article 35 and transit 	inary examination report, established nitted to the applicant according to Ar	by this International Preliminary Examining ticle 36.				
2. This REPORT consists of a total of	4 sheets, including this of	cover sheet.				
3. This report is also accompanied by A	NNEXES, comprising:					
a. (sent to the applicant and	a. (sent to the applicant and to the International Bureau) a total of sheets, as follows:					
sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).						
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.						
	in the Supplemental Box Relating	ate type and number of electronic carrier(s)) and/or tables related thereto, in computer readable to Sequence Listing (see Section 802 of the				
4. This report contains indications relation	ng to the following items:					
Box No. I Basis of the rep	ort	·				
Box No. II Priority						
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability						
Box No. IV Lack of unity of invention						
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;						
chations and explanations supporting such statement						
The state of the s						
Box No. VIII Certain observations on the international application						
Date of submission of the demand	Date of complete	tion of this report				
12 February 2004 (12.02.2		07 May 2004 (07.05.2004)				
Name and mailing address of the IPEA/JP	Authorized office	Authorized officer				
Facsimile No.	Telephone No					

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2003/013547

received by this Authority on the claims: pages	BOX I	NO. 1	Basis of the report	
This report is based on translations from the original language into the following language which is language of a translation furnished for the purpose of: International served (under Rules 12.3 and 23.1(b))	1. Wi	th regard	d to the language, this report is based on the international application in the langua	ge in which it was filed, unless
international search (under Rules 12.3 and 23.1(b)) publication of the international application (under Rules 15.2 and/or 55.3) 2. With regard to the elements of the international application, this report is based on freplacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not amenated to this report): The international application as originally filed/furnished the description: pages pages* received by this Authority on		This	s report is based on translations from the original language into the fall of the	
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PCT/IPEA/409 (Box No. I) (January 2004)		4 applie	es, some or all of those sheets may be marked "superseded."	

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
Claims	1-8	YES		
Claims		МО		
Claims	1-8	YES		
Claims		МО		
Claims	1-8	YES		
Claims		NO		
=	Claims Claims Claims Claims Claims Claims Claims	Claims 1-8 Claims 1-8 Claims 1-8 Claims 1-8 Claims 1-8 Claims 1-8		

2. Citations and explanations (Rule 70.7)

Document 1: JP, 2001-54398, A (Asahi Kasei Corp.), 27 February, 2001 (27.02.01) (Family: none)

Document 2: JP, 11-155579, A (Kikkoman Corp.), 15 June, 1999 (15.06.99) (Family: none)

Document 3: JP, 2001-95598, A (Kikkoman Corp.), 10 April, 2001 (10.04.01), & WO, 01-245475, A1

The subject matters of claims 1-8 are neither described in any of the documents cited in the ISR nor obvious to a person skilled in the art.